

Repetitive short-pulse transscleral cyclophotocoagulation for glaucoma

Information for the public

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This procedure can only be done as part of a research study. This is because there is not enough evidence to be sure how well it works.

Your healthcare professional should talk to you about the research.

Glaucoma is a progressive condition that causes increased pressure in the eye. This damages the optic nerve, which connects the eye to the brain, and can lead to permanent sight loss. In this procedure, some of the cells in the eye that produce fluid are destroyed using repeated short pulses of laser energy (transscleral cyclophotocoagulation). The aim is to reduce fluid, and so pressure, in the eye. This may slow or stop damage to sight.

The [NHS website](#) may have information on your condition and treatment options.

You can [search the NHS website for information about consultants and hospitals](#) that offer this procedure.

Is this procedure right for me?

You should be included in [making decisions about your care](#).

Your healthcare professionals should explain the risks and benefits of this procedure and how it is done. They should discuss your options and listen carefully to your views and concerns. They should offer you more information about the procedure. Your family or carers can be involved if you want or need them to be.

You will be asked to decide whether you agree (consent) to have the procedure. Find out more about [giving consent to treatment on the NHS website](#).

Some questions to think about

- How many appointments will I need?
- What are the possible benefits? How likely am I to get them?
- What are the risks or side effects? How likely are they?
- Will I have to stay in hospital?
- What happens if it does not work or something goes wrong?
- What happens if I do not want the procedure?
- Are other treatments available?

More information

- [NICE's information on interventional procedures guidance](#) explains what an interventional procedure is and how we assess it.
- [NICE's information on interventional procedures recommendations](#) explains what only in research means.

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